



Faculty of Natural and Agricultural Sciences

Department Mathematical Statistics and Actuarial Science

Bloemfontein Campus

Lecturer / Senior Lecturer / Associate Professor / Professor (x2 positions)

Job ID 4543

KINDLY TAKE NOTE: Applications may only be submitted online through the official UFS vacancy website: <https://ufs.hua.hrsmart.com/> - Applications submitted through any other platform will not be considered.

Please ensure that all relevant documentation is attached to your application. INCOMPLETE APPLICATIONS WILL NOT BE CONSIDERED.

- A detailed curriculum vitae and cover letter;
- Certified copies (not older than 6 months) of all academic records;
- Certified copies (not older than 6 months) of qualifications (please provide the SAQA accreditation in the case of foreign qualifications);
- A certified copy (not older than 6 months) of your identity document (ID);
- Proof of registration with a Professional Body (if applicable);
- A copy of your driver's license (if applicable);
- A service record of your current employer / last employer (only applicable to external applicants).

Duties and responsibilities:

- Perform research that can be submitted for publication.
- Lecture undergraduate and postgraduate modules, and develop curriculum and module materials.
- Supervise postgraduate students (Hons. M's, PhD's).
- Participate in community engagement projects.
- Serve on committees relevant to the department and partake in departmental activities.
- Engage with the broader statistical community.

Inherent requirements:**Lecturer:**

- A Master's degree on NQF Level 9 in Mathematical Statistics, Applied Statistics, Biostatistics, Actuarial Science, Data Science, or other statistical field.
- Proven experience in presentation of poster or oral presentations at conferences or equivalent activities.
- A good academic record.

Senior Lecturer:

- A PhD on NQF Level 10 in Mathematical Statistics, Applied Statistics, Biostatistics, Actuarial Science, Data Science, or other statistical field.
- Proven experience in presentation of papers/posters at national scholarly conferences.
- Proven national recognition for specialist expertise and research in a specific area of scholarship.
- An NRF rating or demonstrate potential for obtaining an NRF rating.
- Proven experience in supervision of graduated masters students.
- A proven research record of relevant publications in national and international accredited journals.
- Proven experience of service as an active member of relevant national or international scholarly society.

Associate Professor:

- A PhD on NQF Level 10 in Mathematical Statistics, Applied Statistics, Biostatistics, Actuarial Science, Data Science, or other statistical field.
- Experience as external examiner for postgraduate students.
- Proven experience in presentation of research papers at national conferences, where there is evidence of peer review papers.
- Act as a reviewer of high-quality scholarly journals.
- Proven national recognition for specialist expertise and research leadership in a specific scientific area of scholarship.
- An NRF rating of C3 or equivalent status.
- Proven experience in the supervision of graduated masters students.
- A proven research record of relevant publications in relevant national and international accredited journals.
- Serve as a member of a national scholarly society.

Professor:

- A PhD on NQF Level 10 in Mathematical Statistics, Applied Statistics, Biostatistics, Actuarial Science, Data Science, or other statistical field.
- Experience as external examiner for postgraduate students.

- Proven international recognition for specialist expertise and research leadership in a particular area of academic scholarship (e.g. regularly serves as a reviewer for international/ ISI / IBSS journals).
- A NRF rating of C1 or C2 or equivalent status.
- Demonstrated successful supervision of graduated doctoral students.
- Proven experience in delivering keynote addresses at national scholarly conferences.
- Serve as a member of an international scholarly society OR an international committee or agency concerned with research at higher education levels.

Recommendations:

- A PhD on NQF Level 10 majoring in Statistics or Mathematical Statistics.
- A proven research track record and experience in the delivery of poster or oral presentations at conferences or equivalent.
- Provide evidence of manuscripts produced that have the potential to be converted or submitted for publication in accredited journals.
- A good academic record.
- Must be an able programmer in R, SAS or equivalent statistical programming language, and willing to acquire additional skills according to the needs of the department.
- Experience in statistical analysis for complex data using R, SAS, or other industry relevant platforms.
- Teaching experience at tertiary institution level.

Required competencies:

- **Results orientated:**
 - The ability to cope with a frequently changing environment and to adapt to evolving situations.
 - The ability to be reliable, responsible, dependable and to fulfil obligations.
- **Strategic thinking:**
 - The ability to deal with several activities at a time.
 - The ability to carefully analyse information and use logic to address issues and problems at work.
- **Leading:**
 - The ability to maintain high levels of personal motivation, energy and enthusiasm.
 - Ability to be cooperative with others, display good-natured attitude, and encourage people to work together.
- **Building coalitions:**
 - The ability to be self-assured and at ease with people in all types of social situations.
 - The ability to interact with others and establish personal connections with people.

Assumption of duties:

As soon as possible.

Closing date:

19 June 2022.

Salary:

The salary scale is available on request.

Fringe benefits:

(Subject to specific conditions): pension scheme, medical aid scheme, group life insurance, housing allowance, leave and sick leave, service bonus and study benefits.

Enquiries:

For enquiries, please feel free to contact me at 051 401 9857 or email at NtauKR@ufs.ac.za or Recruit@ufs.ac.za. Additionally, kindly contact 051 401 7267 /9848 /9810 /9003 for assistance.

General:

The University reserves the right not to fill the post. The University subscribes to and applies the principles prescribed by the Employment Equity Act. Preference will be given to candidates from the designated groups, in accordance with the principles of the aforementioned act and the employee profile of the specific department/division.

The UFS is committed to the pursuit of excellence, diversity and redress in achieving its equity targets.

Our Employment Equity Plan is available at

https://ufsacza.sharepoint.com/sites/supportservices/hr/Resources/Employment%20Equity%20Plan_July2017.pdf. For this post, we seek particularly to attract black (i.e., African, Coloured and Indian) and disabled South African candidates.

The University processes personal information in line with its obligations under the Protection of Personal Information Act (POPIA) and any personal information provided to the University will be treated as confidential and processed in accordance with the rights provided to data subjects under POPIA.

The UFS will only consider applications of candidates who meet all the inherent requirements of the position. Applications that are incomplete will not be considered. Communication will be limited to shortlisted candidates only. Should you not be contacted within six weeks of the closing date for applications, you may assume that your application was unsuccessful.